

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-169844

(43)Date of publication of application : 30.06.1997

(51)Int.Cl.

C08G 75/02

(21)Application number : 07-333235

(71)Applicant : IDEMITSU PETROCHEM CO LTD
SEKIYU SANGYO KASSEIKA CENTER

(22)Date of filing : 21.12.1995

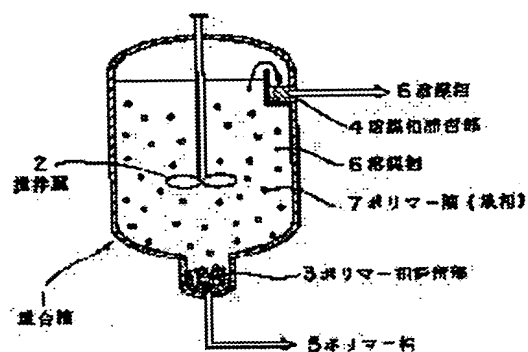
(72)Inventor : KOYAMA YOSHINARI
SASE KIYOSHI

(54) PRODUCTION OF POLYARYLENE SULFIDE BY CONTINUOUS MULTISTAGE POLYMERIZATION

(57)Abstract:

PROBLEM TO BE SOLVED: To produce a polyarylene sulfide(PAS) having a high molecular weight by establishing a technique for stably transferring the reaction solution while keeping the polymer to solvent composition ratio among the polymerizers constant.

SOLUTION: A polyarylene sulfide is continuously produced by a continuous multistage polymerization process by successively transferring the reaction solution through multistage polymerizers. This process comprises the step (1) of discharging the polymer phase 5 from the bottom of the polymerizer and discharging the solvent phase 6 from its top, the step (2) of mixing the discharged polymer phase 5 with the discharged solvent phase 6 to give a mixture of a specified concentration, the step (3) of feeding the mixture into the next polymerizer 1, and the step (4) of repeating the steps (1) to (3).



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

BEST AVAILABLE COPY